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AN - 1999-586119 [50]  
AP - JP19980057769 19980310  
CPY - MITY  
DC - A89 E23 G08 P84  
FS - CPI;GMPI  
IC - C09B47/04 ; C09B67/04 ; C09B67/12 ; C09B67/22 ; C09B67/50 ; G03G5/06  
MC - A12-L05D E23-B E25 G06-F06  
PA - (MITY ) MITSUBISHI PAPER MILLS LTD  
PN - JP11256061 A 19990921 DW199950 C09B67/50 042pp  
PR - JP19980057769 19980310  
XA - C1999-171169  
XIC - C09B-047/04 ; C09B-067/04 ; C09B-067/12 ; C09B-067/22 ; C09B-067/50 ;  
G03G-005/06  
XP - N1999-433195  
AB - JP11256061 NOVELTY - A mixture of titanyl oxyphthalocyanine and  
electric charge generating organic substance is amorphized and  
processed using a solvent. The phthalocyanine crystal obtained shows  
maximum peak at Bragg angle (2 theta plus or minus 0.2 deg. ) of 27.2  
deg. when CuK alpha 1.541 Angstrom of X-rays is used.  
- DETAILED DESCRIPTION - A mixture of titanyl oxyphthalocyanine and  
electric charge generating organic substance (other than  
phthalocyanine) is amorphized by mechanical milling and amorphous  
product obtained is processed using water, halogenated hydrocarbon  
group solvent or hydrocarbon group solvent and water. The  
phthalocyanine crystal obtained shows maximum peak at Bragg angle (2  
theta plus or minus 0.2 deg. ) of 27.2 deg. when CuK alpha 1.541  
Angstrom of X-rays is used.  
- An INDEPENDENT CLAIM is also included for novel phthalocyanine crystal  
which consists of an electric charge generating organic substance  
other than phthalocyanine and phthalocyanine.  
- USE - For electrophotographic photoreceptors (having a sensitization  
layer of phthalocyanine crystal, formed on a conductive support  
(claimed)) of copiers, high-speed printers, electrostatic recording  
element, sensor element, electroluminescence element, microfilms etc.  
- ADVANTAGE - Electrophotographic photoreceptor using phthalocyanine  
crystal has excellent characteristics such as electrification  
potential and sensitivity. The dispersion liquid of phthalocyanine  
crystal has excellent stability.  
- (Dwg.0/11)  
IW - MANUFACTURE NOVEL PHTHALOCYANINE CRYSTAL ELECTROPHOTOGRAPHIC  
PHOTORECEIVER PROCESS MIXTURE TITANYL ELECTRIC CHARGE GENERATE  
ORGANIC  
SUBSTANCE  
IKW - MANUFACTURE NOVEL PHTHALOCYANINE CRYSTAL ELECTROPHOTOGRAPHIC  
PHOTORECEIVER PROCESS MIXTURE TITANYL ELECTRIC CHARGE GENERATE  
ORGANIC  
SUBSTANCE  
NC - 001  
OPD - 1998-03-10  
ORD - 1999-09-21  
PAW - (MITY ) MITSUBISHI PAPER MILLS LTD  
TI - Manufacture of novel phthalocyanine crystal for electrophotographic  
photoreceptors - involves amorphizing and processing mixture of  
titanyl oxyphthalocyanine and electric charge generating organic  
substance  
A01 - [001] 018 ; P0839-R F41 D01 D63 ; S9999 S1627 S1605  
- [002] 018 ; ND01 ; K9574 K9483 ; K9676-R ; K9698 K9676 ; K9712

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